Introduction to Data Science - Final Project- Phase 0

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Dataset Name:

Spotify Tracks Dataset

Dataset Link:

https://huggingface.co/datasets/maharshipandya/spotify-tracks-dataset

Target Variable:

Popularity, Genre

Data Sample:

Unnamed: 0 int64	track_id string · lengths	artists string · lengths	album_name string · lengths	track_name string · lengths	popularity int64	duration_ms int64	explicit bool	danceability float64	energy float64	key int64
0 ... 114k	22 ... 22	2 ... 513 ∅	1 ... 243 ∅	1 ... 511 ∅	0 ... 100	0 ... 5.24M	2 classes	0 ... 0.99	0 ... 1	0 ... 11
0	5SuOikwiRyPMVoIQDJUgSV	Gen Hoshino	Comedy	Comedy	73	230,666	false	0.676	0.461	1
1	4qPNDBW1i3p13qLCt0Ki3A	Ben Woodward	Ghost (Acoustic)	Ghost - Acoustic	55	149,610	false	0.42	0.166	1
2	1iJBSr7s7jYXzM8EGcbK5b	Ingrid Michaelson;ZAYN	To Begin Again	To Begin Again	57	210,826	false	0.438	0.359	0
3	6lfxq3CG4xtTiEg7opyCyx	Kina Grannis	Crazy Rich Asians (Original Motion...	Can't Help Falling In Love	71	201,933	false	0.266	0.0596	0
4	5vjLSffimiIP26QG5WcN2K	Chord Overstreet	Hold On	Hold On	82	198,853	false	0.618	0.443	2

loudness float64	mode int64	speechiness float64	acousticness float64	instrumentalness float64	liveness float64	valence float64	tempo float64	time_signature int64	track_genre string · lengths
-49.53 ... 4.53	0 ... 1	0 ... 0.97	0 ... 1	0 ... 1	0 ... 1	0 ... 1	0 ... 243	0 ... 5	3 ... 17
-6.746	0	0.143	0.0322	0.000001	0.358	0.715	87.917	4	acoustic
-17.235	1	0.0763	0.924	0.000006	0.101	0.267	77.489	4	acoustic
-9.734	1	0.0557	0.21	0	0.117	0.12	76.332	4	acoustic
-18.515	1	0.0363	0.905	0.000071	0.132	0.143	181.74	3	acoustic
-9.681	1	0.0526	0.469	0	0.0829	0.167	119.949	4	acoustic